

ABSTRACT OF THE DISCLOSURE

A composite recovery board (10, 20, 30) comprises a foam core (11) having lower (12) and upper (13) surfaces, wherein the foam core is selected from the group consisting of polyisocyanurate and polyurethane materials and mixtures thereof; and a filler within said foam core selected from the group consisting of rubber-tire vents, EPDM scrap material, plastic chips, polyurethane scrap, polyisocyanurate scrap, scrap rubber from recycled tires, wood chips, fiberglass strands and mixtures thereof. A method of re-roofing a roof comprising applying composite boards (10, 20, 30) of the present invention to a roof deck and applying a weather protective layer over the composite boards. A continuous method of making composite recovery boards (10) of the present invention comprises is also provided.